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Title:

AUTHENTICATION SYSTEM AND AUTHENTICATION METHOD

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7):

Abstract:

Source: JP11205306A2 PROBLEM TO BE SOLVED: To provide a system and method that realize diversified services by using an access ticket generated from characteristics information not belonging to a person and information specific to the user, as for the authentification system that authenticates legality of the user, SOLUTION: The authentication device 210 sends authentication data and a ticket identifier to an authentication device 250, the authentification device 250 sends the authentication data to the authentication device 210, which calculates an authentication challenge (ρ) based on a ticket attribute revision request (μ) and an authentication device authentification data (χ). The authentification device 250 receives the p and the (&epsi , v) to authenticate an authentication device open key based on input data and an authentication device open key identifier (v '), to authenticate the authentification device challenge and to revise contents of a ticket attribute record (VI) depending on the ticket attribute revision request (µ). Furthermore, an authentification data generating section calculates a response (R) and the authentication device authenticates the legality of the response (R).

